

AMENDMENTS TO THE ABSTRACT

Please amend the Abstract as follows:

A temperature ~~T of the~~ of a heating roller ~~2 is~~ is detected by a thermistor ~~10 and~~ and an amount of variation ~~($\Delta T/\Delta t$) per unit time t of~~ time of the detected ~~temperature T~~ temperature is detected. The output of a coil ~~coil~~ 4 is increased or decreased by an amount corresponding to an amount of the detected temperature variation ~~($\Delta T/\Delta t$)~~, while the ~~temperature temperature T~~ detected by the thermistor ~~10 is~~ is kept within an initially set range " $T_b \geq T > T_e$ ".